بمنتز		
		Approved Stock Form—State Publishing Co., Helena, Montana—1234
File No		T_ 19 N 38 2
DUPLICAT	<b>E</b>	CountyG
	<b>S1</b>	FATE OF MONTANA DECEIVED
		ATOR OF GROUNDWATER CODE IN INN & 1008
	OFFICE	E OF STATE ENGINEER
	Declaration of	Vested Groundwater Rights ENGINEER
		r 237, Montana Session Laws, 1961)
	(Onder Onapier	201, 10010111 500001 2010, 1002,
me	Icamay Hele	and as Canada a
1,/./	(Name of Appropriator)	(Address) (Town)
County o	· Darfiel	State of Montana
have ap	propriated groundwater according to	o the Montana laws in effect prior to January 1, 1962, as follows:
	N /	The beneficial use on which the claim is based 1, 2, 4
	2.	Stock was to a G Account of the control of the cont
	3.	Date or approximate date of earliest beneficial use; and how continuous the use has been 1955
	<u>               </u>	centry wows Use 1139.
W.	E	
<u></u>	4.	The amount of groundwater claimed (in miner's inches or gallons
		per minute) 25 of ger Many
	5.	If used for irrigation, give the acreage and description of the lands
NEXINEX	- Sec 10- T. 19 A. 38 N	to which water has been applied and name of the owner thereof
	Sec. /OT./9 R3& N	
	oint of appropriation	
and place of	of use, if possible. Each	The means of withdrawing such water from the ground and the loca-
omon squa	to represents to acres.	tion of each well or other means of withdrawal
		pump
		***************************************
7. The	date of commencement and completi	ion of the construction of the well, wells, or other works for with-
drawal	2 50-23-	5 5 2 - 17 - 5 - 5 - 9 - 1942 61 - 16 - 37 - 61 - 193 q
		· · · · · · · · · · · · · · · · · ·
8. The de	epth of water table	fr. 12-100 fr. 2 10ft, \$8ft.
		size and depth of each well or the general specifications of any other
works	for the withdrawal of groundwater	3 38ft oypla - 6 "pene
+,	290 ft Depth -	7" pipe @ 14ft legel
g,	346 f f	(Rey well)
**********	***************************************	_
10. The ea	stimated amount of groundwater wit	thdrawn each year and 500,000 gal.
11. The lo	og of formations encountered in the	drilling of each well if available
	Recorded in D	- 12/165- forth 32
2	Bers water	# 121106 flag 4 61
<u> </u>	C. 1.4 8 41 074	

1. 2,

Signature of Owner Man Date School My Males

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

-ne.ff.

STATE OF MONTANA County of Garfield

		10
	T19N	R 38E
BECEIVE	County	Garfield
MONTANA BUREAU OF MINES	AND GEOLOGY	
STATE ENGINEER Butte, Montana		
WATER WELL LO	og i skileter i	
		A STATE OF THE STA
Owner W. A. (Bill) Nelson	Address	Jordan, Montana
DrillerMerle Drane	Address	Jordan, Montana
Date Started9/12/58		and the second of the second o
	* * .	1 HF
Location: Sec. To 19 R.		NE.
Type of well	nt usedRotar	d drill, return, other)
and the second of the second o		[ <del></del>
Water use: Domestic Municipal	Stock X	Irrigation
Industrial Drainage O	ther:	
Casing:ft. toft. Typestand	ard pipe Size	<u></u>
Casing:ft. to290ft. TypeStan	dard pipe size	<u>Σπ</u>
Casing:ft. toft. Type	Size	
Perforated or Screened: Ft. 155 to ft. 165	Ft	to ft
Type of screen or perforationsholes		***************************************
Static Water level, for non-flowing well:		
Shut-in pressure, for flowing well:lb./sc		
•		(date)
Pumping water level 140 feet at	g	al. per min
How tested: bailer		
Length of test		***************************************
Remarks: (Gravel packing, cementing, packers, type of shut-o		
	-	<del></del>
		***************************************
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		en e
(over)		***************************************

TO STATE OF THE PARTY OF THE PA

	yr i th	Log of Well	
Depth	ı, feet	1 0444	
From	То	Description of Material Drilled	
-			
0	25	Clay	
25	32	Gravel & sand	
32	103	Shale	
103	104	Rock	
<b>10</b> /7	155	Shale .	
155	170	Sand	
170	250	shale	and the control of th
250	285	Sand	
285	290	shale	La restricte established
			The state of the s
			The state of the s
			and the state of t
			Paris de la company de la Proposition de la Company de la
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				10
			R 38E	
		County	Garfield	
MONTANA BURI	EAU OF MINE Butte, Montana		CEIVED	
W.	ATER WELL I	.og STAT	E ENGINEER	+ 3
Owner W.A. Ne	1son	Addres	Jordan,	kontana
Driller Morle Dran	<u> </u>	Addres	is Jordan, Mc	ntana
Date StartedOct	ober 23, 1961	Date C	ompleted October	27, 1961
Location: Sec. 50	T. 191 R	38E ¼ sec	SE <sup>1</sup> / <sub>4</sub>	
Type of well drilled (Dug, driven, bored, or drilled	Equipm	ent used	Rotary	
Water use: Domestic Municip		Stock X	Irrigation	]
Industrial Drains	age	Other:		
Casing: 0 /300 /t. to 240 /t		Size.	lı inch	
Casing:ft. toft	туре	Size		•••••
Casing:ft. toft	· <del>-</del>			
Perforated or Screened: Ft	ft. 230	Ft	to ft	
Type of screen or perforations. slots				
Static Water level, for non-flowing well:	ters comes to	100 fest from 1	top	feet.
Shut-in pressure, for flowing well:	lb./	sq. in. on:	(date)	************
Pumping water level	feet at	5	gal. per min	
How tested: bailer		***************************************		
Length of test				
Remarks: (Gravel packing, cementing, packet				
			***************************************	
	,		**************************************	
	(over)			

Log of Well

		Log of Well
Depth		Description of Material Drilled
From	To	
1	15	Clay
15	95	Shale
95	98	Coal
98	168	Shale
168	170	Rock
170	230	Send
530	5/10	Shale
	<u> </u>	
		in the second se
		·
	1	
	<u> </u>	<u> </u>

3W 4		
• 11 •	• ····································	Approved Stock Form—State Publishing Co., Helena, Montana—42234
File No		T 19 MR 25 E
DUPLICATE		County Garfield
	8	STATE OF MONTANA
4	ADMINISTR	RATOR OF GROUNDWATER CODE
* * * * * * * * * * * * * * * * * * *	OFFIC	JE OF STATE ENGINEER DECENVE
	Declaration of	Vested Groundwater Rights AN 8 1964
	(Under Chapte	er 237, Montana Session Laws, 1961)
		STATE ENGINEER
1. Josephine R.	injher	(Address) (Town)
have appropriated g	roundwater according	State of to the Montana laws in elect prior to January 1, 1962, as follows:
N		
	2	2. The beneficial use on which the claim is based.  1. Stock & Domestic. 2. Stock & Domestic.
	3	<ol> <li>Date or approximate date of earliest beneficial use; and how continuous the use has been</li></ol>
w	E	ous the use has been light warm.
" (a <b>a</b> )	•	
	4	4. The amount of groundwater claimed (in miner's inches or gallons
		per minute)
		5. If used for irrigation, give the acreage and description of the land
9 °	<u></u> "	to which water has been applied and name of the owner thereo
Sw Sec 18 T	R	Rote
Indicate point of app	propriation	
and place of use, if poss small square represents	sible. Each s 10 acres.	6. The means of withdrawing such water from the ground and the loca
		tion of each well or other means of withdrawal
	. ".	1. pump 2. Matural Sempage
7. The date of com	mencement and comple	tion of the construction of the well, wells, or other works for with
. The date of comi		Comleted and dug deeper in 192h.
	To TAT(	
drawal of ground	2. 1917	re-opened in 1960.
drawal of ground	2. 1917	re-opened in 1960.
8. The depth of water	r table 1. 12 feet be available, the type,	re-opened in 1960.  to water ; 2. water comes above ground naturally  size and depth of each well or the general specifications of any other
8. The depth of water	r table 1. 12 feet be available, the type,	re-opened in 1960.
8. The depth of water	r table 1. 12 feet be available, the type,	re-opened in 1960.  to water ; 2. water comes above ground naturally  size and depth of each well or the general specifications of any other
8. The depth of water	r table 1. 12 feet be available, the type,	re-opened in 1960.  to water 3 2. water comes above ground naturally, size and depth of each well or the general specifications of any other.  1. dug well with 3 inch pipe
8. The depth of water 9. So far as it may works for the with	2. 1917 r table 1. 12 feet be available, the type, drawal of groundwater.	re-opened in 1960.  to water 3 2. water comes above ground naturally, size and depth of each well or the general specifications of any other.  1. dug well with 3 inch pipe
8. The depth of water 9. So far as it may works for the with	2. 1917 r table 1. 12 feet be available, the type, drawal of groundwater.	re-opened in 1960.  I to water 3 2. water comes above ground naturally, size and depth of each well or the general specifications of any other.  1. dug well with 3 inch pipe  withdrawn each year
8. The depth of water 9. So far as it may works for the with  10. The estimated and	2. 1917 r table 1. 12 feet be available, the type, drawal of groundwater.  ount of groundwater w ions encountered in the	re-opened in 1960.  I to water 3 2. water comes above ground naturally, size and depth of each well or the general specifications of any other.  1. dug well with 3 inch pipe  withdrawn each year
8. The depth of water 9. So far as it may works for the with  10. The estimated and 11. The log of formati	2. 1917 r table 1. 12 feet be available, the type, drawal of groundwater ount of groundwater w ions encountered in the	re-opened in 1960.  to water 3 2. water comes above ground naturally, size and depth of each well or the general specifications of any other.  1. dug well with 3 inch pipe  withdrawn each year.  200,000 gal yearly or more exallable.  none available.
8. The depth of water 9. So far as it may works for the with  10. The estimated amount of the stimated amount of t	2. 1917 r table	re-opened in 1960.  It to water 3 2. water comes above ground naturally, size and depth of each well or the general specifications of any other.  1. dug well with 3 inch pipe  withdrawn each year
drawal of grounds  8. The depth of water  9. So far as it may works for the with  10. The estimated and  11. The log of formation  12. Such other inform reference to book a	2. 1917 r table 1. 12 feet be available, the type, drawal of groundwater.  ount of groundwater w  ions encountered in the nation of a similar nation and page of any county	re-opened in 1960.  I to water 3 2. water comes above ground naturally  I, size and depth of each well or the general specifications of any other  1. dug well with 3 inch pipe  withdrawn each year  200,000 gal yearly or more  drilling of each well if available  none available  ure as may be useful in earrying out the policy of this act, including y record
8. The depth of water  9. So far as it may works for the with  10. The estimated and  11. The log of formati  12. Such other inform reference to book a	2. 1917 r table 1. 12 feet be available, the type, drawal of groundwater.  ount of groundwater w ions encountered in the	re-opened in 1960.  I to water 3 2. water comes above ground naturally, size and depth of each well or the general specifications of any other.  1. dug well with 3 inch pipe  withdrawn each year.  200,000 gal yearly or more available none available.  The general specifications of any other in the general specification in the general
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drawal of grounds  8. The depth of water  9. So far as it may works for the with  10. The estimated and  11. The log of formation  12. Such other inform reference to book a	2. 1917 r table 1. 12 feet be available, the type, drawal of groundwater.  ount of groundwater w  ions encountered in the nation of a similar nation and page of any county	re-opened in 1960.  I to water 3 2. water comes above ground naturally, size and depth of each well or the general specifications of any other.  1. dug well with 3 inch pipe  withdrawn each year.  200,000 gal yearly or more available none available.  The policy of this ect, including y record.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

125478

STATE OF MONTANA County of Gartield

Filed in the office of the County Clerk on decorder of Garrield County State of Monta-

A. D. 19 64 of Jo'clock A County Clerk and Becorder

Pee Pold # 1.00

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le No	•		-State Publishing Co., Helena, Montana, 42234
<b>UPLICATE</b>		ing the second of the second o	County Garatield
		STATE OF MONTANA	
		RATOR OF GROUNDWATE DE OF STATE ENGINEER	arm U tuo.
	<del></del>		- STAIR ENGINEER.
De		Vested Groundw	rater Rights
	(Under Chapt	er 237, Montana Session Lav	ws, 1961)
<i>i</i>	1/ /		Tax lan
Novon Dean (Name o	Appropriator)	of(Addr	ess) (Town)
	ndwater according	to the Montana laws in eff	ect prior to January 1, 1962, as follows:
N N	1 74 1	2 The heneficial use on which	h the claim is based 2 Houses
		garden & Sto	h the claim is based 2 Houses
	1 1 1	1 / J	of earliest beneficial use; and how continu
	<u> </u>	ous the use has beenA.	pr. 1259 - In use en Date of Drilling
	E	Continually Fro	en Date of Urilling
		1 The emount of grounday	ater claimed (in miner's inches or gallon
		per minute) 10 4 %	Per min.
			2.24 (2.44) 2.14 (2.44)
		5. If used for irrigation, given	ve the acreage and description of the land
s .		to which water has been	applied and name of the owner therec
N 14 E Sec 19 T 19	R.38	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	irlen one year
ndicate point of appro	nitamon		······································
nd place of use, if possibl mall square represents 1	o acres.	6. The means of withdrawin	g such water from the ground and the loca
		tion of each well or other	means of withdrawal Deep well
		Control of the letter from	
7. The date of commer	aurant and comple	ation of the construction of	the well, wells, or other works for with
Juneal of comme	er Hov	1959	the well, wells, of other works for with
crawar or groundwar	· r		
***************************************	······································		1 5 1
***************************************	······································	et Cground	to Topol water)
8. The depth of water to	able 90 Ce	•	
8. The depth of water to 9. So far as it may be works for the withdra	available, the type	e, size and depth of each we	ll or the general specifications of any oth
8. The depth of water to 9. So far as it may be works for the withdra	available, the type	e, size and depth of each we	ll or the general specifications of any oth
8. The depth of water to 9. So far as it may be works for the withdra	available, the type	e, size and depth of each we	ll or the general specifications of any oth
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8. The depth of water to 9. So far as it may be works for the withdra  10. The estimated amoun  11. The log of formation	available, the type wal of groundwater was tof groundwater was encountered in the	e, size and depth of each we	or the general specifications of any oth
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8. The depth of water to 9. So far as it may be works for the withdra  10. The estimated amoun  11. The log of formation  12. Such other informati	available, the type wal of groundwater was encountered in the	vithdrawn each year edrilling of each well if ave	or the general specifications of any oth
8. The depth of water to 9. So far as it may be works for the withdra  10. The estimated amoun  11. The log of formation  12. Such other informati	available, the type wal of groundwater was encountered in the	withdrawn each year.	or the general specifications of any oth 265 FT
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8. The depth of water to 9. So far as it may be works for the withdra  10. The estimated amoun  11. The log of formation  12. Such other informati	available, the type wal of groundwater was encountered in the	withdrawn each year.	or the general specifications of any oth 265 FT
8. The depth of water to 9. So far as it may be works for the withdra  10. The estimated amount 11. The log of formation  12. Such other information reference to book and	available, the type available available, the type available available, the type available availa	withdrawn each year	or the general specifications of any oth
8. The depth of water to 9. So far as it may be works for the withdra  10. The estimated amount 11. The log of formation  12. Such other information reference to book and	available, the type availa	withdrawn each year	of the general specifications of any oth 265 FT  200,000  Allable Lot Augilable  rrying out the policy of this act, includi  Owner 71 D Yolson  Date 12-31-53

125398

## STATE OF MONTANA County of Garfield

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By Museum Beputy

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MEETE CO

	Approved Stock Form—State Publishing Co., Helena Montana—42234
File No	
	County & ARFIELD
DUPLICATE	STATE OF MONTANA
	ADMINISTRATOR OF GROUNDWATER CODE DECEIVE
	OFFICE OF STATE ENGINEER JAN 8 1964
	Declaration of Vested Groundwater Rights ENGINEER
	(Under Chapter 237, Montana Session Laws, 1961)
1 PHILED !	ATRICK MURNION, of Box 72/ JURDAN ame of Appropriator) (Address) (Town)  RF15LD State of MONTANA
Comment of FA	ame of Appropriator) (Address) (Town)  REJELD State of MONTANA
have appropriated	groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:
N	
	2. The beneficial use on which the claim is based LINESTOCK WATER
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1754.
10 S	
" 🖼	
	4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 GALLON PER MINUTE
	pot minute in the second secon
	5. If used for irrigation, give the acreage and description of the lands
	to which water has been applied and name of the owner thereof  NOT USED FOR IRRIGATION
NE 1/SE Sec 29	T/9 R38
Indicate point of and place of use, if y	appropriation
small square represe	ents 10 acres.  6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
	tion of each well or other means of withdrawal 2002
7. The date of co	ommencement and completion of the construction of the well, wells, or other works for with- ndwater WELL WAS ON LAND WHEN PURCHISED
drawai oi grou	nowaver 102222 50113 5W EAN D WHEN PURE
8. The depth of wa	ater table 25 FT.
_	
works for the w	ay be available, the type, size and depth of each well or the general specifications of any other ithdrawal of groundwater.
************************	
•••••••••••••••••••••••••••••••••••••••	
The estimated a	amount of groundwater withdrawn each year 500,000 GALLORS
11. The log of form	nations encountered in the drilling of each well if available. NOT AURILABLE
***************************************	
<u></u>	
12. Such other info	ormation of a similar nature as may be useful in carrying out the policy of this act, including
reference to boo	ok and page of any county record NONE,
	PDA-M
	Signature of Owner Chile Murrison Date Dec 31, 1763
	Date 102031, 1763

Three copies to be field by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

STATE OF MONTANA County of Garfield

Filed in the office of the County Clera-order of Garfield County, State of Magn

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THE STATE OF

<b>.</b>	
0.1	Approved Stock Form-State Publishing Co., Helena, Montana-12234
ile No	Approved Stock Form—State Publishing Co., Helens. Montana—12234
UPLICATE	County GARFIELD
UPIMOAIE	STATE OF MONTANA
	ADMINISTRATOR OF GROUNDWATER CODE DECEIVED
	OFFICE OF STATE ENGINEER JAN 6 1964
1	JAN 6 1964
	Declaration of Vested Groundwater Rights
	(Under Chapter 237, Montana Session Laws, 1961) STAIL ENGINEER
1211 1 -	Para to Michael Burgo Tropad
1. FAILIP	POTRICK MURNION, of BOX 721 JORDAN ame of Appropriator) (Address) (Town)  RELED State of MANTANA I groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:
County of FA	RFIELD State of MONTANA
have appropriated	I groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:
М	2. The beneficial use on which the claim is based. HO 1.75
	2. The beneficial use on which the claim is based 2.1.2.2.2.2.2.4.
	3. Date or approximate date of earliest beneficial use; and how continuous the use has been DEC. 1958 CONTINIO
	USE EVER SINCE.
	E 3
	4. The amount of groundwater claimed (in miner's inches or gailons
	per minute) The CALLONS PER MINUTE
للنا	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
	NOT USED FOR IRRIGATION
E 1/1/E Sec 31	T/9 R30
indicate point of and place of use, if p	appropriation
mall square represe	ents 10 acres.  6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
	Pun P
7. The date of co	ommencement and completion of the construction of the well, wells, or other works for with-
7. The date of condrawal of ground	Punp
drawal of grou	ommencement and completion of the construction of the well, wells, or other works for with- indwater. DEC 1958
drawal of grou	ommencement and completion of the construction of the well, wells, or other works for with-
8. The depth of was 9. So far as it ma	ommencement and completion of the construction of the well, wells, or other works for with- indwater DEC 1758  ater table 10 FT. To WATER  ay be available, the type, size and depth of each well or the general specifications of any other
8. The depth of was 9. So far as it may works for the w	ommencement and completion of the construction of the well, wells, or other works for withindwater DEC 1758  ater table 1957. To WATER  ay be available, the type, size and depth of each well or the general specifications of any other withdrawal of groundwater 80 FT DEE P. WATER COMES
8. The depth of was  9. So far as it may works for the way.	ommencement and completion of the construction of the well, wells, or other works for withindwater DEC 1758  ater table 1957. To WATER  ay be available, the type, size and depth of each well or the general specifications of any other withdrawal of groundwater 80 FT DEE P WATER COMES  TO WITHIN 1955 OF TAP OF GROUND
8. The depth of war works for the w	ommencement and completion of the construction of the well, wells, or other works for with indwater DEC 1958  ater table 10.FT. To WATER  ay be available, the type, size and depth of each well or the general specifications of any other inthdrawal of groundwater 80.FT. DEEP WATER COMES OF WITHIN 1955.
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Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

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125425

STATE OF MONTANA County of Garfield

Filed in the office of the County Clerkand Recorder of Garffold County, State of M atana, this day of

A. D. 19 (2) or 1-37.0 clock O M.

County Clerk and Recorder

By January (1)

Frem Paid 19 2

MARKA THE CON

		( Carrier		35
DECEIVE	14" FR 150 X F	• -	R. 38E	
DECEIVED  JUL 2 1958	on the same of the	CountyGe	irfiold	
STATE ENGINEEMONTANA BI			1	
	WATER WELL LOG			
Owner		pgarbb A	and the second s	·
	TYPE DINA FOOLE	1xxxx cos 1	Jordan, Montana	
DrillerDodd	rilling Co.	Address	Nolf Point, Monte	<b>308</b> -
Date Started	Juna 5, 1958	Date Comp	leted6/5/58	
Location: Sec	T19H R38E	¼ sec	<u></u>	
35	19M 20E	,,	ng.	
Type of well dylled (Dug, driven, bored, or d	Equipment used	Roter (Churn	drill, rotary, other)	••••••
Water use: Domestic Mur	nicipal Stoc	k 🙀	Irrigation	
Industrial Dra	ainage Other:			••••••
Casing: Q	ft. Typesteel	Size	······································	
Casing:ft. to	ft. Type	Size		
Casing:ft. to	ft. Type	Size		
Perforated zorGoresned: Ft31	to ft		to ft	
Type of screen or perforations	h-elot	•		
Static Water level, for non-flowing well:				
Shut-in pressure, for flowing well:	lb./sq. in. or	a:	*	
Pumping water level	feet at	gal	(date) . per min	
How tested:				,
How tested:	NOTES OF CHICAGO		,	

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

2

(over)

Log of Well

Depti	ı, feet	Description of Restaulat Dullians
From	То	Description of Material Drilled
0	4	Top soil
4	12	Sandy Clay ::
12	20	Sand & Gravel
20	30	Sandy Clay
30	31	Coal
31	l 46	Blus clay
		and the control of th
		the first term of the second
		to and
	1	

GROUNDWATER INDEX County <u>Yarfield</u> Twp. 1971 Rge. 396. County Type of Form File No. Remarks Name of Appropriator Sec. Fogle Dina 4. Olam Roman Togle Dina 4. Togle Dina 4. 9954 124935 444 125294 494 1249.33 49r4 124932 4914 124934

ile No	Decla	OFF	TRATOR O	F MONTANA F GROUNDWATER	T./9.	N R 3 9 E
DUPLICATE	Decla	OFF	TRATOR O	F GROUNDWATER	Coun	w Gartield
	Decla	OFF	TRATOR O	F GROUNDWATER		
1D		OFF	TRATOR O	F GROUNDWATER	a garaga da ka	
1D		OFF	TOE OF S		E CODE	Interest A EIU
1D		ration o		PATE ENGINEER		DECEIVED DEC 30 1963
1D		ration o	£ 17=		lii Dil	
County of		ATT- Jan Olas				MATATE ENGINEER
County of		(Under Una	pter 231, M	Iontana Session Law	8, 1901)	
County of.	in 2 6.	Fa	ا م	of		Tarlas
County of	(Name of A	propriator)		(Addres	58)	(Town)
TOUR SANDL	opriated groundw	ater accordin	g to the M	State of	et prior to J	antiary 1, 1962, as follows:
	N			4.		
						based
			**********	5 to c	-K	2 Fe P
	<del>ai Täht</del>					neficial use; and how continu-
}			ous the	use has been	1920	<u></u>
v					G-6	
			200			(in miner's inches or gallons
			***********		<i>7</i> '	
	s		5. If used to whi	l for irrigation, give	e the acreage applied and	and description of the lands name of the owner thereof
SE 1/ S	Sec. TISE R.	9 F	*********		10	
	int of appropria		*********		77	
and place of	use, if possible. I represents 10 a	lach				from the ground and the loca-
			tion of	each well or other n	neans of with	drawal
						) m P
7. The dedrawal	ate of commencen of groundwater	ent and com	pletion of the	he construction of t	the well, wel	ls, or other works for with
8. The dep	oth of water table.	80	<i>† T</i>			
9. So far	as it may be ave	ilable, the ty	pe, size and	depth of each well	or the gene	ral specifications of any other
works f	or the withdrawal	of groundwa	ter	drilled		dispective works of any which
			******************			
44.74.777777		····				
	***************************************			, 7	5-6-	200 93/2
10. The est	imated amount of	groundwater	withdrawn	each year	ے۔۔۔ر	000 92/5
11. The log						
***********			1/2	12 2 2 1	3 b/e	
						e policy of this act, including
		******************		ps		
					,	1 1
				Signature of O	wner Le	in S. Fogle Dec 26 1763
						//

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

## 124935

STATE OF MONTANA
County of Carfield

Filed in the Ap of the County and Recorder of Gartini County, State 1 id a this 26 day of Aller

A. D. 1963 3:20 o'clock O M.

By Marie Deputy

Poo Pold & 2,00

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GV.		Approved Stock Form-State	Publishing Co., Helena, Montana 42234
File No			T 19 N 39 W
			County Hasfield
DUPLICATE	ST	ATE OF MONTANA	DECEIVED
	ADMI/VISTRA	TOR OF GROUNDWATER (	DODE NAME TOCAL
		OF STATE ENGINEER	244 B 1804
D	eclaration of \	Vested Groundwat	er RightsATE ENGINEER
	(Under Chapter	237, Montana Session Laws,	1961)
~~		1	$\circ$
1/ forman	of Appropriator)	) (Address)	(Town)
Country of & Late A	1	State of YYC	
have appropriated gro	undwater according to	the Montana laws in effect	prior to January 1, 1962, as follows:
N	2	The beneficial use on which th	pe claim is based 21
		Live stret	e erater
	3.	Date or approximate date of	earliest beneficial use; and how continu-
		ous the use has been Aep	yes around
w -	E	2 de la faction de la constant de la	Jan Marian Manian Marian Marian Marian Marian Marian Mania
	4.	The amount of groundwater	claimed (in miner's inches or gallons
		per minute) 1/5 9	el.
	5.	to which water has been a	the acreage and description of the lands pplied and name of the owner thereof
_	0 - 20	nane	
YE.4 Sec. 7 T.19 Indicate point of appr			
and place of use, if possi small square represents	ble. Each	The means of withdrawing s	uch water from the ground and the loca-
aman advare represents	To acres.	tion of each well or other me	ans of withdrawal Jet promp
7. The date of comm	encements and completi	ion of the construction of the	well, wells, or other works for with-
drawal of groundw	ater Dept	1951	e well, wells, or other works for with-
***************************************		***************************************	
9. So far as it may h	e available, the type,	size and depth of each well	or the general specifications of any other
works for the withu	rawai or groundwater	The state of the s	
***************************************			
***************************************			
10. The estimated amou	ant of groundwater wi	thdrawn each year	public to the second
11. The log of formation	ns encountered in the	drilling of each well ifvailab	10/ W/ 18/1 and +
gravel	69 ft. D	hale - 5 f	Rut sutid a 6 5th Shale
U. J.	et e e e e e e e e e e e e e e e e e e		Section spaces and the section of th
12. Such other informs	tion of a similar natu	ire as may be useful in carry	Ret such a Shale
		record	
***************************************		······································	
			72-18/16-
		Signature of Ow	mor norman Ellson
			Dato 10030-1943

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

125294

STATE OF MONTANA County of G. Feld

Filed in the Mike of the County Clark and Recorder of Gasfield County, State of Montana,

A. D. 18 Lat. 10 Tolock and

Genery Clark and Bookeder

By Mariew M. Janes

Dosuty

Page David B 2 000

MIED Cas

GV			Approved S	Stock Form—State Publish	ing Co., Helena, Montana—42234
File No	***************		Ž	т	19 R 39 E
DUPLICATE		administe offi	STATE OF MONTA ATOR OF GROUN SE OF STATE ENG	ONA DWATER CODE GINEER	BECEIVED
	Decl	aration of	Vested Gro	undwater F	Right ATE ENGINEER
		(Under Chapt	er 257, Montana Se	ssion Daws, 1501)	0.6.
1d	(Name of A	ppropriator)	State of	(Address)	(Town) to January 1, 1962, as follows:
have appr	-	water according	to the Montana lav	ws in effect prior	to January 1, 1962, as follows:
	* 3		3. Date or approximate out the use has be	nate date of earlies	t beneficial use; and how continu-
W		E	4. The amount of	groundwater claim	ned (in miner's inches or gallons
	7.0	% de . 1 de	5. If used for irrig to which water	ation, give the acr has been applied	eage and description of the lands and name of the owner thereof
5 <i>L</i> S Indiasta na	ec	39 81100		.f.///	
and place of small square	int of Applying use, it politicle represents 10 (	Heilli Dach Ioros,	() Will means of wi	or other means of	ater from the ground and the loca- withdrawal
	* ****		antrif	ngall	
7. The danger drawal	ate of commence of groundwater.	ment and comple	tion of the construction o	<u>ൃറ്നൂ</u>	wells, or other works for with-
8 The der	th of water table	2014	: 3		
		U			
works f	as it may be average or the withdraws	ananie, the type	s, size and depth of	each well or the	general specifications of any other
**********	1. 12 d	e->t-4		metex	drilled
***************************************	- D-				
10. The est	imated amount o	of groundwater	vithdrawn each year	1835 6	6. 100,000 gala
************		N.	· T v v z i / e	6)e	
12. Such o	ther information	of a similar na	ture as may be usef	iul in carrying ou	t the policy of this act, including
	,	***********************	None		***************************************
***************************************					Dies & Fogle Dec 26 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

County of C.

541. DESCRIPTION OF

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le No	$\bigcirc$		in the same of the	ishing Co., Helena, Montana—42234
STATE OF MONTANA  ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER  DEC 30 1983  County of Charles of Appropriator (Notice of Appropriator)  County of Charles of Appropriator (Notice of Appropriator)  State of Charles of Appropriator (Notice of Appropriator)  State of Charles of Appropriator (Notice of Appropriator)  State of Charles of Appropriator (Notice of Appropriator)  1. The beneficial use on which the claim is based  1. The beneficial use on which the claim is based  1. The amount of groundwater claimed (in miner's inches or gall per minute)  1. The date of appropriation and place of use, if possible Beah mall square represents 10 acres.  3. The date of commencement and completion of the construction of the well, wells, or other works for v drawal of groundwater.  3. The date of commencement and completion of the construction of the well, wells, or other works for v drawal of groundwater.  4. The date of commencement and completion of the construction of the well, wells, or other works for v drawal of groundwater.  5. The depth of water table.  5. The depth of water table.  5. The depth of water table.  5. So far as it may be available, the type, size and depth of each well or the general specifications of any of works for the withdrawal of groundwater.  5. The depth of water table.  5. So far as it may be available, the type, size and depth of each well or the general specifications of any of works for the withdrawal of groundwater.  5. The depth of water table.  5. So far as it may be available, the type, size and depth of each well or the general specifications of any of works for the withdrawal of groundwater.  5. The depth of water table.  5. The depth of water table.  5. So far as it may be available, the type, size and depth of each well or the general specifications of any of the works for the withdrawal of groundwater.  6. The setimated amount of groundwater withdrawan each year.  6. The possible of the works of the works for withdrawal of groundwater.  6. The date of commencement and	Tiverstein Nasauko			그는 일이 있다. 그는 사람들은 학교는 일이 하는 생각하다.
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Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

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STATE OF MONTANA County of Carrield

Filed in the the of the County Clerk one Recorder of G d County, State of Montane

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County Clerk and Regarden

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GROUNDWATER INDEX County <u>Sarfield</u> Twp. 194 Rge. 406. County Type of Form Name of Appropriator File No. Remarks 57 Hill Loc 131585 294 Tagnon Edward & Dashell & H Sty 0 125480

No. 18   State   Sta	EM-
MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana  STATE ENG  Water Well Log  Owner ENT Carl Swanson Address Jordan, Mont  Driller Carl Jerrel Address Hiles City, M.  Date Started 9/59 Date Completed 9/5  Location: Sec. lk T. 19N R. 40E 1 sec. SELSE1  Type of well DRILLED Equipment used ROTARY  (Churn, drill, rotary, or drilled)  Water use: Domestic Municipal Stock I Irrigation  Industrial Drainage Other  Casing: Oft. to 50 ft. Type iron Size line  Casing: ft. to ft. Type Size  Perforated or screened: Ft. 30 to ft. 50 . Ft. to ft.  Type of screen or perforations slots  Static water level, for non-flowing well: 10 feet from top  Pumping water level feet at 9 gal. per min. Mailer	EM-
Water Well Log  Water Well Log  Owner SHI Carl Swanson Address Jordan, Monte Driller Carl Jerrel Address Miles City, Maddress Address Miles City, Maddress M	52
Water Well Log  Owner ENT Carl Swanson Address Jordan, Mont.  Driller Carl Jerrel Address Miles City, M.  Date Started 9/59 Date Completed 9/5  Location: Sec. 1h T. 19N R. 10E 1/4 sec. SE1SE1/4  Type of well DRILLED Equipment used (Churn, drill, rotary, or drilled)  Water use: Domestic Municipal Stock I Irrigation Industrial Drainage Other  Casing: 0 ft. to 50 ft. Type iron Size h in Casing: ft. to ft. Type Size  Perforated or screened: Ft. 30 to ft. 50 Ft. to ft.  Type of screen or perforations slots  Static water level, for non-flowing well: 10 feet from top  Shut-in pressure, for flowing well: 1b./sq. in. on: (data)  Pumping water level feet at 9 gal. per min. (data)	40.45
Driller Carl Jerrel  Date Started 9/59 Date Completed 9/5  Location: Sec. 14 T. 19N R. 40E 1/4 sec. SEASE 1/4  Type of well DRILLED Equipment used ROTARY  (Dug, driven, or drilled) Equipment used Churn, drill, rotary, or drilled Drainage Other  Location: Sec. 14 T. 19N R. 40E 1/4 sec. SEASE 1/4  Type of well DRILLED Equipment used ROTARY  (Churn, drill, rotary, or drilled) Other  Casing: Oft. to 50 ft. Type iron Size 1/4 in Casing: ft. to ft. Type Size  Casing: ft. to ft. Type Size  Perforated or screened: Ft. 30 to ft. 50 Ft. to ft.  Type of screen or perforations slots  Static water level, for non-flowing well: 10 feet from top  Shut-in pressure, for flowing well: 1b./sq. in. on: (date)  Pumping water level feet at 9 gal. per min. baller	11
Driller Carl Jerrel  Date Started 9/59 Date Completed 9/5  Location: Sec. 14 T. 19N R. 40E 1/4 sec. SEASE 1/4  Type of well DRILLED Equipment used ROTARY  (Dug, driven, or drilled) Equipment used Churn, drill, rotary, or drilled Drainage Other  Location: So ft. Type iron Size 1 in Casing: ft. to ft. Type Size  Perforated or screened: Ft. 30 to ft. 50 Ft. to ft.  Type of screen or perforations slots  Static water level, for non-flowing well: 10 feet from top  Pumping water level feet at gal. per min. haller	na.
Date Started 9/59  Date Completed 9/5  Location: Sec. 1k T. 15N R. 40E 1 sec. SEASE2  Type of well DRILED Equipment used (Churn, drill, rotary, or drilled)  Water use: Domestic Municipal Stock I Irrigation Industrial Drainage Other  Casing: 0 ft. to 50 ft. Type iron Size 1 in Casing: ft. to ft. Type Size  Casing: ft. to ft. Type Size  Perforated or screened: Ft. 30 to ft. 50 . Ft. to ft. Type of screen or perforations slots  Static water level, for non-flowing well: 10 feet from top  Pumping water level feet at 9 gal. per min. haller	ntana
Type of well DRILED Equipment used ROTARY  (Dug, driven, or drilled) Equipment used (Churn, drill, rotary, or drilled)  Water use: Domestic Municipal Stock I Irrigation Industrial Drainage Other  Casing: Oft. to 50 ft. Type iron Size him Casing: ft. to ft. Type Size  Casing: ft. to ft. Type Size  Perforated or screened: Ft. 30 to ft. 50 . Ft. to ft. Type of screen or perforations slots  Static water level, for non-flowing well: 10 feet from top  Shut-in pressure, for flowing well: 1b./sq. in. on: (date)  Pumping water level feet at 9 gal. per min. baller	)
Water use: Domestic Municipal Stock I Irrigation Industrial Drainage Other  Casing: Oft. to 50 ft. Type iron Size Line  Casing: ft. to ft. Type Size  Casing: ft. to ft. Type Size  Perforated or screened: Ft. 30 to ft. 50 Ft. to ft.  Type of screen or perforations slots  Static water level, for non-flowing well: 10 feet from top  Shut-in pressure, for flowing well: 1b./sq. in. on: (date)  Pumping water level feet at gal. per min. hatler	
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Type of screen or perforations slots  Static water level, for non-flowing well: 10 feet from top  Shut-in pressure, for flowing well: 1b./sq. in. on: (date)  Pumping water level feet at gal. per min. heller	
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Static water level, for non-flowing well: 10 feet from top  Shut-in pressure, for flowing well: 1b./sq. in. on: (date)  Pumping water level feet at gal. per min. hatler	
Shut-in pressure, for flowing well:lb./sq. in. on:(date)  Pumping water level feet at gal. per min	feet
Pumping water levelfeet atgal. per min	
heiler	
Length of testl hour	
Remarks: (Gravel packing, cementing, packers, type of shut-off, dept shut-off)	
	ı of
	ı of

(over)

Log of Well

	feet	Description of Material Drilled
From	To	
0	12	sand and gravel
12	40	sandstone
40	50	shale
ı	1 1	
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and the second second	The second second	County	Carfield
	MONTANA BUREAU OF MINI Butte, Montan	ES AND GEOLOG	ABECEIVED
	WATER WELL	TOC	Mil. 26 198
(	WAIER WELL	LOG	STATE ENGINEER
	Owner Ed Gagnon	Áddres	s Jordan, Montana
	Driller Carl Jerrel	Addres	s Miles City, Montana
	Date Started July 15, 1961		
	Location: Sec. 15 T. 19N	R LOE 1/4 sec. S	
Type of well	Drilled Equipm (Dug, driven, bored, or drilled)	nent used	Rotary
		<del></del> 1	and the second second
Water use: Domestic	Municipal	Stock X	Irrigation
Industrial	Drainage	Other:	***************************************
Casing:0	ft. toft. Type	Size.	
Casing:	.ft. toft. Type	Size.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Casing:	ft. toft. Type	Size	
Perforated or Screened	i: Ft	Ft	to ft
Type of screen or perfor	rationsslots		
Static Water level, for r	non-flowing well:150 from	top	feet,
Shut-in pressure, for fl	owing well:lb	./sq. in. on:	
	feet at	30	(date)
	bailer		
Length of test	1 hour		
Remarks: (Gravel pac	cking, cementing, packers, type of shu	t-off, depth of shut-	-0,tt)
	***************************************		
		••••••	
			***************************************
3 mm	(over)		

Log of Well

		LOG OI WEIL
From	n, feet To	Description of Material Drilled
TOIL	10	TO MAY \$5 MAY DO DO THE REPORT OF THE PARTY.
0	20	Top soil
20	22	Rock
22	115	NAM shale
115	118	Rock
118	160	Shale
160_	180	Shale
180	220	Sand
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		and the second s
		14 Paris
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## MONTANA BUREAU OF MINES CATO GEOLOGY Butte, Montana

STATE ENGINEER

## WATER WELL LOG

			No. 1 a	9 5	70.00
	Owner Jasper Likes	***************************************		Jac	an, Montana
	Driller Merle Drane		Address	Jordan.	Wontana
	Date Started 2/27/196		. · ·	•	
	Location: Sec21 T		7.0	es r	
		74			
Type of well	(Dug, driven, bored, or drilled)	Equipment used	Rota:	drill, rotary, oth	er)
Water use: Domestic	Municipal	Stock		Irrigation	
Industrial	Drainage	Other:	•	***************************************	1000
Casing:0	ft. toft.	Туре	Size	li inch	
Casing:	ft. toft.	Туре	Size		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	ft. toft.	•	Size	<del>-</del>	
Perforated or Screened	: Ft to ft.	Ft	*****************	to ft	***************************************
Type of screen or perfor	ations				
Static Water level, for n	on-flowing well:water	omes to 20 feet fr	om.top	•••••••••••	feet
Shut-in pressure, for flo	wing well:	lb./sq. in. on:.	•	(date)	
Bumping water level	fee	tet 30-J.O	gal	,	
	ailer ( thinks that i			-	
-					•••••••
Remarks: (Gravel pac	king, cementing, packers,	type of shut-off, depth	of shut-off)		
***************************************	•••••••••••••••••••••••••••••••••••••••			***************************************	
•>		•••••••••••••••••••••••••••••••••••••••		***********	
					·····
0.4		(over)			

Description of Material Drilled From То 20 TE Clay 0 20 **33**1 Gravel Shale 90 23 94 Rock 90 Shale 94 180 INIX Rock 180 3.82 182 215 Shale Sand 215 235 Rock 235 238 Sand 315 238 #

Log of Well

Depth, feet

	Location: Sec.,,23	r <b>191</b>	r.hoe x	sec	
Type of well	Drilled (Dug, driven, bored, or drilled)	Equip	ment used	Rotary (Churn drill,	rotary, other)
Water use: Domestic	Municipal Municipal		Stock	Ir.	rigation
Industrial	Drainage		Other:	••••	
Casing: 0	ft. to 11:5 ft.	Туре	W.	Size	
Casing:	.ft. toft.	Туре		Size	
Casing:	.ft. toft.	Туре		Size	
Perforated or Screened	: Ft 105 to ft.	115	<b>F</b> t	to	) ft
Type of screen or perfor	ationsslots		<u>_</u>		
Static Water level, for n	on-flowing well:	12fee	t from to	<b>3</b>	feet.
Shut-in pressure, for flo	owing well:	1	b./sq. in. on:	(da	te)
Pumping water level	fee	et at	20	gal. pe	r min
How tested:	bailer		<u> </u>		······································
Length of test	1 hour				
Remarks: (Gravel pac	king, cementing, packers,	type of shu	it-off, depil	of shut-off)	*
		·	4		•••••••••••••••••••••••••••••••••••••••
•••••••••••			<u> </u>	h bb. \$ \$	
			1		
			<u> </u>		

Log of Well

Depth	, feet			
From	То	Description of	Material Drilled	
0	20	Top soil		
20	h6	Shale		
<u>1</u> 6	<u>1.7</u>	Rock		
1,7	110	Shale	A 2	
110	<u> 1115</u>	Sand & shale	th we you	
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ile No	RECEIVED	т 19N в 40E
UPLICATE	AUG 11 1967	County Co
AND PROPERTY OF STREET	ADMINISTRATO	R OF GROUNDWATER CODE OF STATE ENGINEER
Top of Ground (Elev. above sea		pletion of Groundwater
- la real	Live to the week of a live of the live of	n by Means of Well
	사 :	AFTER JANUARY 1, 1962
6-10 sandt-gro	Plost 10	7, Montana Session Laws, 1961)
10-60 stale	Owner Man Daniel	M. Address Victory / 107/16
المسمد المساور	Driller//fext June	Address Plant
	Date of Notice of appropriation	1. 1. 29 1
758 shale	Date well started	Date completed
	Type of well. (Dug, driven, bored or	
	Water use: Domestic ☐ Industrial ☐	Municipal ☐ Stock M Irrigation   Drainage ☐ Other ☐
-	Indicate on the diagram the	e character and thickness of the different stra- il, clay, shale, gravel, rock or sand, etc. Sho
- Party	depth at which water is encoun- strata and height to which the	tered, thickness and character of water-bearin
	Size of   Size and   Fro	ORI TO PURPOPATIONS
	Drilled Weight (Fe	et) (Feet) Kind From To Size (Feet) (Feet)
<b>-</b> ↓	37/2"/#	80 slots 40 80
	218 26 1	Ex4 -
<b>-</b> '	<u></u>	
_	, , , , ,	Static Water Level for non-flowing we
_		Shut-in Pressure for Flowing Well.
-		Pumping Water Level fe
	"	Discharge in gal. per min. of flowing we
_	<u> </u>	How Tested Municipality
- 1	<u> </u>	Length of Test Aus.
		Remarks: Gravel packing cementing, pacers, type of shutoff)
	NEUN 1/4 Sec. 23. T./9. R.40 Indicate location of well and	
-	place of use, if possible. Each small square represents 40 acres.	)
<b>-  </b>		
		(Continue on reverse sid
- 1	use in used for irrigation, number of acres and loc tion).	industrial, drainage or other. Explain, station or other data (i.e.: Lot, Block and Add
	·	······································
Show exact de	pth of bottom.	
		79
	o driller, and three copies to be filed by the owner with the in the county in which the well is located, tissue copy to be	
retained by driller.	-	Dennett Gran
Please answer all questions	. If not applicable, so state, otherwise the form will be	Briller's Signature.

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F36 7/6 TTABLITUG 700 あるのとなすとうこ 823 the second (More described to love) 72 4 7 **1**3158**5** 200 CHANG BECTHOOSER RETAIN ANATHOM STATE OF MONTANA County of Garfield SECTIAED Filed in the office of the County Clerk and order of Garfield County, State of Montant, and day of DAS A. C. E.S. 1986. J. MANNA See How To confined Absoluted Second Second Second Discounty On Enterprise House TOPE IT BOY series of Completion of Society THE SELECTION OF TANK THE STANFASTER STREET Paid : 2:00 THE CHAPTER ONAMON OF THE STATE OF THE STATE 41 July 411 Bandle to regal the trate. Trans Stranger Co 6 4 2) THE WATER

			ADMINIS	STATE OF MONTANA RATOR OF GROUNDWATER CODE	'e le li uvie (°)
				OE OF STATE ENGINEER	CEIVED
		Decl		Vested Groundwater Rights ter 237, Montana Session Laws, 1961) STA	E ENGINEER
•	Din	~ Q	Mus		ordan/
<b>L</b>	(1	Name of	Appropriator)	(Address)	(Town)
Co ha	unty ofve appropriate	d ground	water accordi	to the Montana laws in effect prior to January	1, 1962, as follows:
		N			1.
Γ				2. The beneficial use on which the claim is based.	and the second of the second o
				<u> </u>	
				3. Date or approximate date of earliest beneficial	use; and how continu
		<b> </b>		ous the use has been 1948	
·		<del>  -                                   </del>			
ļ		·		4. The amount of groundwater claimed (in min	er's inches or gallon
}				per minute) 30 GaQ	
L				5. If used for irrigation, give the acreage and d	escription of the land
		S		to which water has been applied and name	
=	1/4 Sec 26	т./9 к	40		
ndie	cate point of	appropri	iation	***************************************	
	place of use, if I square repre			6. The means of withdrawing such water from th	e ground and the loca
				tion of each well or other means of withdrawal	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
				Certasian	
7.				etion of the construction of the well, wells, or	other works for with
7.					other works for with
7.	drawal of gro	oundwater.		etion of the construction of the well, wells, or	other works for with
7. 8.	drawal of gro	oundwater. water table	77.6	etion of the construction of the well, wells, or	other works for with
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7. 8. 9.	The depth of v So. far as it 1 works for the The estimated The log of for	water table may be av withdrawa amount c	vailable, the toul of groundwater in of a similar	etion of the construction of the well, wells, or  CLUTAR FLOW  e, size and depth of each well or the general special size and depth of each well or the general special size and size a	other works for with
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Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23447

STATE OF MONTANA County of Garfield

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this day of PC 3 # 1963

A. D. 19 3 at 8.330 clock A M

File No	Approved Stock Form—State Publishing Co., Helena, Montana—42234  T
DUPLICATE	County Garfiel
	STATE OF MONTANA
<b>AD</b> :	MINISTRATOR OF GROUNDWATER CODE D
	OFFICE OF STATE ENGINEER
Declaration	on of Vested Groundwater Rights
(Und	der Chapter 237, Montana Session Laws, 1961) STAIE ENGINEER
1 Edward Y desale	ell & Esquoristor) (Address) (Town)
(Name of Appropr	(Address) (Town)
have appropriated groundwater a	according to the Montana laws in effect prior to January 1, 1962, as follows:
N	- Mary market
	2. The beneficial use on which the claim is based.
	3. Date or approximate date of earliest beneficial use; and how continu-
	ous the use has been 435
"	- tesed 6 months energed
	4. The amount of groundwater claimed (in miner's inches or gallons
	per minute) 5 Jac
<u> </u>	5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
SE1/4 Sec 27 T 19 R 40	nous
Indicate point of appropriation	
and place of use, if possible. Each small square represents 10 acres.	6. The means of withdrawing such water from the ground and the loca-
small square represents to deres.	tion of each well or other means of withdrawal
•	windrice
77 Mb 3-4 2	3
7. The date of commencement and drawal of groundwater	ad completion of the construction of the well, wells, or other works for with-
8. The depth of water table	3'
9. So far as it may be available.	the type, size and depth of each well or the general specifications of any other
	oundwater Deep Deep
***************************************	
********************************	
***************************************	*
10. The estimated amount of groun	ndwater withdrawn each year 500.00
11. The log of formations encounter	red in the drilling of each well if available 2007 available
***************************************	
***************************************	
	milar nature as may be useful in carrying out the policy of this act, including
12. Such other information of a si	
reference to book and page of a	any county record
reference to book and page of a	any county record.
reference to book and page of a	any county record.
reference to book and page of a	any county record

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

125482

STATE OF MONTANA County of Garfield

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana,

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	MONTANA BI	JREAU OF MIN		GEOLOC	ነ ነ	
		Butte, Montai	1a	Tarangan Angarangan Angarangan Angarangan Angarangan Angarangan Angarangan Angarangan Angarangan Angarangan A Tarangan Angarangan Angarangan Angarangan Angarangan Angarangan Angarangan Angarangan Angarangan Angarangan An	Jiji Jiji	28 1961
		WATER WELL	LOG	5	STATE	NGINEER
	*******	In on our Talloos		1849	$\mathcal{A}_{\mathbf{k}}^{\mathbf{k}}$	36
	Owner Asper	lasper Likes		Addres		rdan, Montana
	Driller Merle	Drane	•••••••	Addres	Jo	rdsa , Montana
	Date Started	3/15/61		Date C	ompleted	3/22/61
	Location: Sec. 29					nw4se4
Type of well	DRILLED	Elanin	ment IIsed	Rotary	T	***************************************
1,00 01 001	DRILLED (Dug, driven, bored, or d	rilled)		(G	rota trill, rota	ry, other)
Water use: Domestic	Mur	nicipal	Sto	ık 🗴	Irriga	tion
Industrial	Dre	ainage	Other:			for humanity or abido odno accommunity of
Casing:Q	ft. to196	ft. Type		Size.	l inc	<u> </u>
Casing:	ft. to	ft. Type	***************************************	Size.	***************************************	
Casing:	ft. to	ft. Type		Size.		
Perforated or Screened	l: Ftnone	to ft	Ft	·····	to ft.	
Type of screen or perfor	rations	***************************************		************	***************************************	
Static Water level, for r	non-flowing well:	60 feet	t from to	op		feet.
Shut-in pressure, for fl	owing well:	1	b./sq. in. o	n:		
Pumping water level						
How tested:	bail	er				
Length of test	1 hour	•			••••••	11881111111111111111111111111111111111
Remarks: (Gravel page	cking, cementing, pa	ckers, type of sh	ut-off, der	oth of shut-	off)	
		***************************************			••••••	
			••••••			
		· · · · · · · · · · · · · · · · · · ·				
***************************************				.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		**

(over)

Log of Well

Depth,	feet	Description o	f Material Drilled
From	То		
0	30	Cumbo	
30	90	Brown shale	Landa de la companya
90	95	Coal	
95	165	Shale	
165	196	Sand	National Control of the Control of t
		e e	0:
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Form No. 18 8-60 County MONTANA BUREAU OF MINES AND GEOLOGY) ECEIVE Butte, Montana 2 1962 STATE ENGINEER Water well log address. Driller\_ Milite Computered Month used Type of well\_ Municipa | Stock Irrigation Domest, Water use: Industrial Drainage Other\_\_\_\_ Type Size Inch Casing: 2 ft. to 304 ft. Casing: \_\_\_\_ft. to \_\_\_\_ft. Type\_\_\_ \_\_\_\_Size\_\_ Type\_\_\_\_Size\_\_ Casing: \_\_\_\_ft. to \_\_\_\_ft. Perforated or screened: Ft. 285 to ft. 205 . Ft. to ft. Type of screen or perforations slots Shut-in pressure, for flowing well: \_\_\_\_\_lb./sq. in. on:\_\_\_ Pumping water level\_\_\_\_\_feet at\_\_\_\_\_gal. per min.\_\_\_ How tested:\_ bailer Length of test\_ 5 hours (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) One well drilled in 191h; no log furnished; Section 3, TMEX Twp 18N., Rge hOE. MEISEL; depth 100 fest, flowing well; h inch casing. One well drilled in 1914; NE WE OF Section 10; Twp 18N., Rge 408.; depth 125 ft.,

pumps about 4-5 gailonsper minute; (over) No log furnished with this well.

Log of Well

	feet	Description of Material Brilled
From	To	
	25	quabo
15	10	brown send
140	145	coal
15	70	shale
70	73	rock
73	270	shale
270	305	sand
·····		

Form No. 18 19N 8-60 Carfield County MENTANA BUREAU OF MINES AND GEOLOGY Butte, Montana STATE ENGINEER Water Well Log Floyd Osborn Owner Address\_ Merle Drang Address Jordan, Montana Driller 7/61 \_Date Completed\_\_\_7/61 Date Started Location: Sec. 32 T. 19N R. 40E 1 sec.\_\_ drilled Rotary Type of well\_ \_\_\_\_Equipment used\_ (mg, driven, or drilled) (Churn, drill, rotary, other) Domestic Municipal Stock Irrigation Water use: Industrial Drainage Other \_\_\_ft. to\_\_ 212 iron Size h inch Casing:\_\_\_ \_\_\_ft. Type\_ \_\_\_ft. to\_\_\_\_ft. \_\_\_\_Size\_\_ Casing:\_\_\_ Type\_\_ Casing: \_\_\_\_ft, to \_\_\_ ft. \_\_Size\_\_ Type\_ Perforated or screened: Ft. 190 to ft. 212 . Ft.\_\_\_\_to ft.\_\_\_\_ alots Type of screen or perforations 60 feet from top Static water level, for non-flowing well: feet. Shut-in pressure, for flowing well: \_\_\_\_lb./sq. in. on:\_\_\_ feet at gal. per min. Pumping water level\_\_\_\_\_ bailer How tested:\_\_\_\_ 2 hours Longth of test Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Depth	feet	Description of Material Drilled	<u> </u>
From	To		
0	6	4	
6	27	TOUR shale	
27		rock	
29	37.	shale	
37	42	coal	<u> </u>
112	65	shele	
65	67	Transport .	
67	165	shale	
165	205	eand	· · · · · · · · · · · · · · · · · · ·
205	575	shele	
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File No		Approved Stock Form—State Publishing Co., Helens, Montant—42234  T
DUPLICATE		County Le field
	administr <i>a</i>	TATE OF MONTANA  TOR OF GROUNDWATER CODE  TORS  TANGER  TORS  TORS
		F OF STATE ENGINEER JAN 8 1964
	(Under Chapter	Vested Groundwater Rights E ENGINEER 227, Montana Session Laws, 1961)
1. Edwar	D + Probell &	Lagran Solar (Address) (Town)
County of	Name or Appropriator)	State of Sta
have appropriate	d groundwater according t	o the Montana laws in effect prior to January 1, 1962, as follows:
1	N 2.	The beneficial use on which the claim is based.
	3.	Date or approximate date of earliest beneficial use; and how continuous the use has been
<u></u>		Continuous vs
W lar		
**	4.	The amount of groundwater claimed (in miner's inches or gallo
		per minute) 25 gaQ
	5.	If used for irrigation, give the acreage and description of the lan to which water has been applied and name of the owner there
NE1/ Seasu	m 10 m 40	-zove
Indicate point of		
and place of use, if small square repres	possible. Each	The means of withdrawing such water from the ground and the lo tion of each well or other means of withdrawal
		tion of each well or other means of withdrawal.
7. The date of drawal of gro	commencement and completi	on of the construction of the well, wells, or other works for wi
		the control of the co
		wig
9. So far as it n	pay be available, the type, withdrawal of groundwater	size and depth of each well or the general specifications of any other
		1) A ()
10. The estimated	amount of groundwater wi	
		drilling of each well if available 7207 evailable
11. The log of for	formation of a similar naturable and page of any county	re as may be useful in carrying out the policy of is act, include record.
11. The log of for	formation of a similar naturable and page of any county	drilling of each well if available

Three copies to be filed by the owner with the County Clerk and Recorder of an county in which the well is located

Pleas answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geniogy, and Quadruplicate for the Appropriator.

125480

TATE OF MONTANA

Filed in the office of the County Clerk and a corder of Garifold County State of Montana,

A. D. 1964 at 1149 clock M

Country Clock good Beauty

2.00

Marie Capan

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Form No. 18 8-60 Garfield County\_ MONTANA BUREAU OF MINES AND GEOLOGY JAN Butte, Montana STATE ENGINEER Water Well Log Carl Swanson Address Jordan, Montana Munson Drilling Co. Address Miles City, Montana Driller 10/47 Date Completed 10/47 Date Started\_\_ Location: Sec. 35 T. 19N R. hor 4 sec. SE4SE4 drilled Rotary Type of well\_ \_Equipment used\_ (Churn, drill, rotary, other) (Dug, driven, or drilled) Municipal Stock X Irrigation Water use: Domestic Drainage Other\_\_\_\_ Industrial Casing: 0 ft. to 76 ft. Type iron Size 3 inch Casing: \_\_\_\_ft. to \_\_\_\_ft. Size\_\_\_\_ Type\_\_\_ Casing: \_\_\_\_ft. to \_\_\_\_ft. Type\_\_\_\_Size\_\_\_\_ Perforated or screened: Ft.\_\_\_\_\_to ft.\_\_\_\_\_ to ft.\_\_\_\_\_to Type of screen or perforations\_ Static water level, for non-flowing well:\_\_\_\_\_ feet. Shut-in pressure, for flowing well: 3 lb./sq. in. on: Pumping water level\_\_\_\_\_feet at \_\_\_6 \_\_gal. per min.\_\_\_ How tested: Length of test\_ (Gravel packing, cementing, packers, type of shut-off, depth of Remarks: shut-off) Twp Well drilled about 1910, Section 2, I 18North, Range 38 East, NW 2WW 2; depth of well about 136 feet, cased with 4 inch casing, 90 feet. Driller unknown, flows about 3 gallons per minute.

(over)

Page \_\_\_\_\_ of\_\_\_\_\_ GROUNDWATER INDEX County <u>Yarfield</u> Twp. 1971 Rge. 416 County File No. Type of Form Remarks Name of Appropriator 442 282

GW 2	MATER RESOURCES BOARD	red Stock Form—State Publishing Co., Helena, Montana—46805 :
File No	RECEIVED	т 19 в 41, 13.
DUPLICATE	MAY 13 1970	County GARRIS 14
Top of Grou	LOG ADMINIS	STATE OF MONTANA TRATOR OF GROUNDWATER CODE WATER CONSERVATION BOARD
1 - 20 gun (Elev above	-00	Completion of Groundwater
20 22 70	Approp	riation by Means of Well LOPED AFTER JANUARY 1, 1962
45 470	9 WHO (Under Chapter )	237 Montana Session Laws, 1961, as amended)  R RANCH JORGAN, MONT
19-2700		eli Semi Address Ja Jan Marx
270-326		priation of groundwater.
		27-70 Date completed 4-4-20
	Type of well duell	Equipment used Churn drill, rotary or other
	Water use: Dom	estic  Municipal  Stock 2 Irrigation  trial Drainage Other
	Indicate on the dia	gram the character and thickness of the different stratech as soil, clay, shale, gravel, rock or sand, etc. Sho
	denth' at which water is	s encountered, thickness and character of water-bearing ich the water rises in the well.
	Size of Size and Drilled World Frois for Comments	From To FERFORATIONS (Feet) Kind From
	6 x 4 4	260 1 200 200 249
	Clast	Low 200
	N	Static Water Level for non-flowing we
Doc No	135183	Shut-in Pressure for Flowing Well
Filed for reco	day of May w	E at gal per minute.
A. D. 19_Z	0, at 1/255	Discharge in gal. per min. of flowing we
		How Tested Purp Length of Test 212 Ls.
<b> -  </b>	s	Remarks: (Gravel packing, cementing, pac
	SE 410 Sec. 13 T.15 Indicate location of	g. R. 41. ers, type of shutoff)
-	place of use, if possib small square repres	le, Each ents 40
	aeres.	
-		rigation, industrial, drainage or other. Explain, sta
-	number of acre- tion).	s and location or other data (i.e.: Lot, Block and Ad
Show exact	denth of hottom	
. —		19
County Clerk and Recor	ed by driller, and three copies to be filed by the owner der in the county in which the well is located, tissue	
retained by driller.  Please answer all ques	tions. If not applicable, so state, otherwise the for	m will be Draw Dilling Serve
returned.		Driller's Signature.

PUDUENCE E S THE PERSON NAMED . 第一次以及 A M M てきなっというと トランスでする Carlo Carlo STATE OF MONTANA County of Gerfield Filed in the office of the County からのなれたものとと Maries of Court Age G COL CARRESPONDA G COL VI LITARE William Control antique de grand the graduate the wine the desired test BACKIE 19 100

Andreas (States) problems are all supplies to the

GW 2			Approved S	itock Form—St	ate Publishing (	Co., Helena, Moi	ntana—4047.	
File No.					Т	va V R	41 5	" 10%
DUPLIC	JATE					unty_Cape	<b>Lobé</b> n n	ne in
			ADMINIS	STATE (	OF MONTA F GROUNI	NA DE		/C  I
86,53865 (4)	Top of Ground		OF	FICE OF	STATE EN	CITATESTATI	UN 4	1964
9.37	20 aliay (Elev-above sea level 2400 23535 ahrib	) <b>N</b>	Notice of ( Approp	Comple	tion of by Me	Groun	dwate Well	INEER
35	-37-coe1					ssion Laws,	The second	
- 77.	954ebale 97-rock	Owner	Phil Polina	<b>.</b>	Address.	Jondon	Mont/	
N. Carrie	170ehale	Driller	Wels I		Ad <b>dres</b> s	_Jordan	Mont	
2.500,700,700,700	4-174rock	Date of	Notice of Appro	oriation of	Groundwate	r		
	295ahale		T	13-64	Date Co		15:5	
29;	##340sand		well dr13	led		ent Used	otary	
-			riven, bored or		(Churn, other)	drill, rotary o	)r	
·  -		-Water ₹	Jse: Domestic   Industrial		nicipal []	Other 🗍 Stock 🖹	Irri	gation 🔲
-  -		Tel Inc	icate on the di	agram the	character	and thickne	ss of the	different
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		Size of Drilled	Size and Weight of	From (Feet)	To (Feet)	PER	FORATIONS	<del></del>
-		Hole 1	Casing	(2001)		Kind Size	From (Feet)	To (Feet)
			6120		320	elotto i		
							300	320
·  -						<b> </b>		
	8	Su	Traine In her	e <b>l inc mu-</b> flo	wing Well.		************	feet.
<b>\</b>		Sh	Win President	in Flowin	Well	740 	***************************************	···································
H		Pu	impān <b>ų Wal</b> ies da	100 mg 200	fee	t at	gall, p	er minute,
		1	scharge in gal.	,	4	-		(\1100 <del>000</del>
	W	E	ow Testod	punp	Leng	h of West	4.100	4
_		Re	emarks: (Grave)	l packing,	cementing,	packers, ty	pe of shu	toff, loon-
<b> </b>	•					dwater if n rmation, in		
						rigation)		
_	STAR 1/4 Sec 18 T 19 R	47					•	
-	Indicate location of well a place of use, if possible. Ex		***************************************					••••••
	small square represents 10 acr		***************************************	,		•••••••••••••••••••••••••••••••••••••••		****************
	Show exact depth of bottom.		***************************************					
:			•		Driller	's License N	Tumber	
		æ.			me	le D	ran	
						's Signature		

This form to be prepared by driller, and three copies to be the the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

County of Gartie

Filed in the of the County Clerk and Recorder of Garffold County, State of Montana, this day of the County of the day of the County of the day of the County Clerk and the County C

Oh at 11:05 A M
County Clerk can Recognite

Pold 2 2.00

WORKER OF CE

No PLICATE	County Land	:U\$ -
HICKE	STATE OF MONTANA  ADMINISTRATOR OF GROUNDWATER CODE  OFFICE OF STATE ENGINEER  STATE EN	IVED 1964
Notice o	of Completion of Groundwater Appropriation Without Well	
	(Wader Chapter 237 Montage Session Laws, 1961)	
	Owner Milis Sellingstoress Owner Contractor (if any)  Address of Contractor Rose  Date Started Labora Date Completed	don
z	Describe means of obtaining groundwater without a sub-irrigation and other natural pyocesses". Inclu water when applicable.	well "as by de depth to
W WAE son !	sub-irrigation and other natural processes". Inclu water when applicable.  Quantity of water developed and used with explanati used to measure or estimate such amount. If use is estimate hyproximate lengths of periods of use	on of method
Indicate point of and place of use, i	Sub-irrigation and other natural processes". Inclu water when applicable.  Quantity of water developed and used with explanati used to measure or estimate such amount. If use is estimate dipproximate lengths of periods of use.  The Ref. Catture the	on of method

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

STATE OF MONTANA County of Gerfield

de office of the County Clerk and Carfold County, State of Management day of

STANIONA BIAIG

	$\bigcirc$				<u></u>			18
Form No. 18 8-60 .			T:.	19N		R <u>L</u>	1E	4
						34		-
	ANA	BUREAU OF Butte,			D	ECE	2 1962	
		Water W	ell L	老			Z 1302 NGINI	FR
	Owner Can	inson		A	ا ن _ddress	Jac	.,	
	Driller							
	Date Starte							
	Eocation:	Sec16	r. 💆	_k. <u>h</u> m	4	sec	III	
Type of well	#111ed	nd)	Capiá), pm	ent use	d	Rotary		
<b></b>	g, driven, or drille							<del></del>
Water use: Don						Irrigat	ion	
	strial	_		-			l. stude	
Casing: 0					.,		- 1	
Casing:								
Casing:								
Perforated or so								
Type of screen static water le								feet
Shut-im pressur								
Pumping water 1	evel	feett	at	<u>4</u>		der mi	n	
How tested:	- Vic		·					
Length of test_		10 hou:	re					
	el packing, ut-off)	cementing,	packer	rs, typ	e of sl	nut-off	, dept	h of
		(WVC			<del></del>			

Log of Well

Depth	1 teet	Description of Material Drilled
From	То	
0	20	clay
20	68	Shale
68	71	coal
71	105	shale
105	129	rock
129	190	shale
190	193	coal
193	232	sand
232	570	shale
5jt0	270	coal and sand
270	286	shale
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